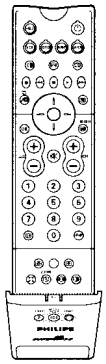
Make innovation your home

Philips puts the latest technology into an extremely elegant package. Experience the most advanced projection picture quality and find yourself forging ahead into the future.

See it as an eyewitness
- Pixel Plus™ technology for more and better details
- Digital Natural Motion™ enables smooth and judder-free movements from any source
- HDTV Monitor – HDTV is the latest and best television signal available
- Acclearium™ Digital Optics maximizes picture quality on all inputs
- Saphlon™ Screen – better picture and scratch resistance

Technology made simple
- BlueBlush Buttons – lighted proximity-activated user control panel
- Full 1080i HD connectivity for future-proof connections to High Definition Set-Top Boxes
- Active Control + Light Sensor adjusts to best possible picture settings
- Auto IntelliSense™ Focus – one-touch automatic convergence of the CRT tubes
- APAC – Automatic Phosphor Aging Compensation
- Dual Screen with two tuners splits your screen into two independent pictures

Rich sound experience
- Virtual Dolby® Surround – surround sound without additional rear speakers



MATCHLINE

PHILIPS

46" Widescreen Projection TV

46PP9545/69

Technical specifications

Picture/Display
- Aspect Ratio: 16:9
- Display Technology: Projection TV, CRT, 7" liquid cooled
- Picture Enhancement: Acclearium Digital Optics, Active Control + Light Sensor, APAC, Auto Intellisense, Black Stretch, Blue Stretch, Color Enhancement, Color Transient Improvement, Digital Comb Filter, Color Temperature, Digital Natural Motion, Digital Noise Reduction, Dynamic Contrast, LTI, Movie Plus, Pixel Plus
- Screen Enhancements: Saphlon Screen, Anti-Aging Circuit, Anti-Reflection, High Brightness, High Contrast
- Size: 46"

Supported Display Resolution
- Computer Formats: 640 x 480, 60Hz
- Video Formats: 480i 60Hz, 480p 60Hz, 576i 50Hz, 576p 50Hz, 1080i (1250) 50Hz, 1080i 60Hz, 1080i 50Hz

Sound
- Bass Enhancement: Loudness
- Output Power (RMS): 30 watt RMS (50Hz-10kHz at 5% THD)
- Sound Enhancement: Automatic Volume Leveler, Equalizer
- Speaker Size: 2", 5"
- Speaker Number: 4
- Speaker Type: tweeter, woofer

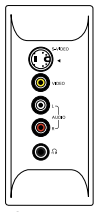
Tuner/Reception
- Aerial Input: 75 Ohm IEC-Type, 2 Tuner with splitter
- Auto Store: Yes
- Standards: NTSC M (3.58-4.5), NTSC (4.43-5.5), PAL B/G, PAL D/K, PAL I, SECAM B/G, SECAM D/K, SECAM K1

Connectivity
- AV1: 480i 60Hz, 576i 50Hz, CVBS in, YPbPr, Audio L/R in
- AV2: 480i 60Hz, 576i 50Hz, CVBS in, S-Video Y/C, Audio L/R in
- AV3: 1080i 50Hz, 1080i (1250) 50Hz, 1080i 60Hz, 480p 60Hz, 576p 50Hz, YPbPr, RGB+H/V
- AV4: 1080i 50Hz, 1080i (1250) 50Hz, 1080i 60Hz, 480p 60Hz, 576p 50Hz, DB15, RGB+H/V
- Side: 480i 60Hz, 576i 50Hz, CVBS in, S-Video Y/C, Audio L/R in, Headphone out
- Output rear: Subwoofer out, CVBS out, Audio L/R out

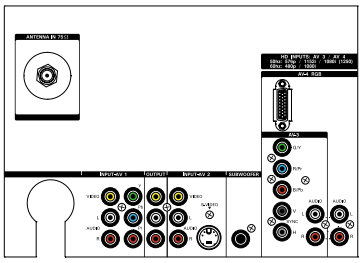
Convenience
- Child Protection: Child Lock, Parental Control
- Clock Functions: Clock, Sleep Timer
- Convenience Enhancements: Proximity Activated Lighted Controls (BlueBlush Buttons), Auto Program, Auto Picture Modes, Auto Sound Modes, Program Information
- Menu Languages: Arabic, Chinese-Simplified, English, Malay
- Picture Functions: Freeze, Replay, Photo Finish
- Picture-in-Picture: Double Window, Mozaic, 2-Tuner
- Teletext: 1200 page Hypertext
- Remote Control: Universal Remote Control, RC2049, Batteries

Dimensions
- Product Dimensions (WxHxD): 113 cm x 134 cm x 60 cm
- Product Weight: 80 kg
- Carton Dimensions: 125 cm x 140 cm x 71 cm
- Weight incl. Packaging: 91 kg

Power
- Complies with Energy Star, less than 1 watt standby
- Mains Power: 90-276V, 50/60Hz
- Power Consumption: 180 watts average



Side Jack



Back Panel

EAN 87 10895 83936 5

Date of issue 2004-02-25
Printed in China 2004-02-25
Trademarks are property of Philips Consumer Electronics. Dolby Virtual is manufactured under license from Dolby Laboratories. "Dolby" and the double D symbols are trademarks of Dolby Laboratories.
Specifications are subject to change without notice. Trademarks owned by Royal Philips Electronics.
2004 © Royal Philips Electronics - All rights reserved.

www.philips.com

Product highlights

Pixel Plus™
Through the unique improvement of luminance and color transients, the interpolated pixels are processed, the luminance amplitude is altered, and pre- and after-shoots for colors are created, resulting in an overall sharper, crisper picture and much more vivid colors. Additional color enhancements give an even greater saturation and lifelike realism. The digital enhancement of the difference between dark and light parts of the image also raises the contrast of the overall picture by up to 30%, making it even more brilliant. Finally, the Digital Noise Reduction and Digital Natural Motion correction result in perfectly smooth, judder-free, noise-free and razor-sharp moving images.

Digital Natural Motion™
Enables smooth and judder-free movements from any source. The advanced Philips chip used for DNM has the processing power of several Pentium processors. It has the ability to detect fast-moving sequences from film and video material and it can handle multi-directional movements at the same time.

BlueBlush Buttons
The product has an innovative technology that allows it to sense the user's needs and meet them. Sensing the user is near, the product activates the lighting of the control panel to make it visible. When the controls are no longer being used and after a short pause, they will dim.

HDTV Monitor
HDTV display capability (1080i). HDTV monitors enable you to view high-definition or enhanced-definition TV programming in the 1080i or 480p signal format. In order to do so, the TV must be connected via its component video or RGB inputs to a set-top box, which is set to operate in the DTV mode. A DTV signal must be present in your area and the set-top box must be tuned to the proper channel. An external over-the-air antenna may be required. Another option is HDTV broadcast satellite service. Stunning realism in both picture and sound are delivered!

Full 1080i HD Connectivity
The video inputs use the highest quality connection type and within the TV combine the latest high output video processing technology to accept and display various 1080i HD formats.

Acclearium™ Digital Optics
Philips micro phosphor CRTs feature improved optics for sharper, more detailed images and enhanced green phosphor, which creates deeper, more natural colors. Hybrid projection lenses work in concert with each CRT to improve focus and correct optical errors, removing distortion and creating a crisp picture to the edge of the screen. The lenticular screen has nearly one-third finer pitch (.515mm) than traditional screens, improving picture detail and resolution. The Philips Wideband Video Amplifier reproduces the highest visible bandwidth in its class—resulting in significantly more picture detail in pure HD.

Saphlon™ Screen
Saphlon™ Screen technology is built with materials and processes that deliver more brightness and picture contrast. It guards against most scratches and fingerprints and eliminates the glare associated with a separate protective screen.

Auto IntelliSense™ Focus
Sensors in the TV scan a predefined test pattern and readjust the signal on the CRTs to assure that red, green and blue are well aligned.